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<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
				Application Number	10/564,494
				Filing Date	July 15, 2004
				First Named Inventor	Gary P. Cook
				Art Unit	1612
				Examiner Name	I. Shomer
				Attorney Docket Number	02181.0087U2
Sheet	1	of	6		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	E	JP-10-273447-A	10-13-1998	Takeda Chemical Industries Ltd		
	F	WO-1991/015193-A1	10-17-1991	Rhone Poulenc Rorer Sa		
	G	WO-2002/036169-A2	05-10-2002	Pr Pharmaceuticals Inc et al.		
	H	WO-2002/041765-A2	05-30-2002	Salvona L L C		
	I	WO-2002/058672-A2	08-01-2002	Debio Rech Pharma Sa et al.		
	J	WO-2002/061469-A2	08-08-2002	3m Innovative Properties Co et al.		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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NON PATENT LITERATURE DOCUMENTS			
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	K	Mohr, W.D. et al., "Mixing in Laminar-Flow Systems," 1957, ACS, Industrial and Engineering Chemistry, Vol. 49, No. 11: 1855-1856.	
	L	Mott, Robert L.; "Applied Fluid Mechanics," 1972, Charles E. Merrill Publishing, pp. 175-180.	
	M	Maa, Y.F. and Hsu, C., "Liquid-Liquid emulsification by static mixers for use in microencapsulation," 1996, Taylor & Francis, Journal of Microencapsulation, Vol. 13, No. 4: 419-433.	
	N	Crooks, Richard M. & Seong, Gi Hun, "Efficient Mixing and Reactions within Microfluidic Channels Using Microbead-Supported Catalysts," 2002, ACS, Journal of the American Chemical Society, Vol. 124, No. 45, pp. 13360-13361.	
	O	Harnby et al. (eds.), "Mixing in the Process Industries," 1992, BUTTERWORTH & HEINEMANN; Second edition, Chapter 12, Author: Godfrey JC, "Static Mixers," pp. 225-249.	
	P	Notice of Acceptance issued by Australian IP Office on 3-22-2010 for AU Pat. App. No. 2004253853, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085AU1; pp. 1-3)	
	Q	Response to Office Action filed by Applicant on 8-15-2011 for CA Pat. App. No. 2,516,107, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CA1; pp. 1-17)	
	R	Office Action issued by Canadian IP Office on 2-16-2011 for CA Pat. App. No. 2,516,107, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CA1; pp. 1-2)	
	S	Certificate of Patent issued on 4/6/2011 for CN Pat. App. No. 2004800008408.8, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CN1; pp. 1-17)	
	T	Response to Office Action filed on 9-3-2010 for CN Pat. App. No. 2004800008408.8, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CN1; pp. 1-5)	

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	U	Response to Office Action filed on 4-22-2010 for CN Pat. App. No. 2004800008408.8, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CN1; pp. 1-8)	
	V	Response to Office Action filed on 1-15-2010 for CN Pat. App. No. 2004800008408.8, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CN1; pp. 1-8)	
	W	Preliminary Amendment filed on 8-17-2009 for CN Pat. App. No. 2004800008408.8, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085CN1; pp. 1-14)	
	X	Communication from Examining Division issued on 7-19-2011 for EP Pat. App. No. 04750117.6, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085EP1; pp. 1-7)	
	Y	Preliminary Amendment filed on 12-30-2005 for EP Pat. App. No. 04750117.6, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085EP1; pp. 1-6)	
	Z	Indian Letters Patent Document issued on 4-29-2010 for IN Pat. App. No. 4743/DELNP/2005, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085IN1; pp. 1)	
	AA	Final Office Action issued on 4-2-2010 for JP Pat. App. No. 2006-532408, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085JP1; pp. 1-2)	
	AB	Response to Office Action filed on 12-25-2009 for JP Pat. App. No. 2006-532408, which is national phase of Intl. Pat. App. No. PCT/US2004/011485 filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085JP1; pp. 1-12)	
	AC	Preliminary Amendment filed on 7-26-2010 for JP Pat. App. No. 2009-296315, which is which is divisional of JP Pat. App. No. 2006-532408, filed 4-12-2004 (Inventor - Ziegerson; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0085JP2; pp. 1-8)	
	AD	Non-Final Office Action issued by USPTO on 10-7-2011 for for US Pat. App. No. 10/565,401, filed 7-15-2004 (Inventor - Cook; Attorney Docket - 02181.0086U2; pp. 1-8)	

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	AE	Response to Final Office Action/Request for Continued Examination filed on 12-2-2010 for for US Pat. App. No. 10/565,401, filed 7-15-2004 (Inventor - Cook; Attorney Docket - 02181.0086U2; pp. 1-5)	
	AF	Office Action issued by Canadian IP Office on 2-8-2011 for CA Pat. App. No. 2,533,592, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086CA1; pp. 1-3)	
	AG	Decision of Granting Patent Right issued on 10-16-2009 for CN Pat. App. No. 200480027243.9, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086CN1; pp. 1-2)	
	AH	Request for Reexamination filed on 6-15-2009 for CN Pat. App. No. 200480027243.9, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086CN1; pp. 1-11)	
	AI	Communication from Examining Division issued on 1-11-2011 for EP Pat. App. No. 04778361.8, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086EP1; pp. 1-6)	
	AJ	Preliminary Amendment filed on 4-24-2006 for EP Pat. App. No. 04778361.8, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086EP1; pp. 1-11)	
	AK	Response to Office Action filed on 4-28-2011 for JP Pat App. No. 2006-521134, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086JP1; pp. 1-5)	
	AL	Office Action issued on 11-1-2010 for JP Pat App. No. 2006-521134, which is national phase of Intl. App. No. PCT/US2004/022817, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0086JP1; pp. 1-9)	
	AM	Examination Response filed on 4-13-2011 for AU Pat. App. No. 2004259208, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087AU1; pp. 1-3)	
	AN	Examiner's Report issued by Australian IP Office on 4-8-2011 for AU Pat. App. No. 2004259208, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087AU1; pp. 1)	

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	AO	Examiner's Report issued by Australian IP Office on 8-3-2009 for AU Pat. App. No. 2004259208, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087AU1; pp. 1-2)	
	AP	Response to Office Action filed on 1-21-2010 for CN Pat. App. No. 200480026606.7, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087CN1; pp. 1-10)	
	AQ	Office Action issued on 7-17-2009 for CN Pat. App. No. 200480026606.7, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087CN1; pp. 1-15)	
	AR	Communication from Examining Division issued on 1-11-2011 for EP Pat App. No. 04778360.0, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087EP1; pp. 1-6)	
	AS	Reply to Communication filed on 4-29-2010 for EP Pat App. No. 04778360.0, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087EP1; pp. 1-9)	
	AT	Communication from Examining Division issued on 10-22-2009 for EP Pat App. No. 04778360.0, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087EP1; pp. 1-7)	
	AU	Supplementary European Search Report issued on 6-10-2009 for EP Pat App. No. 04778360.0, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087EP1; pp. 1-3)	
	AV	Preliminary Amendment filed on 4-13-2006 for EP Pat App. No. 04778360.0, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087EP1; pp. 1-7)	
	AW	Indian Letters Patent Document issued on 1-29-2009 for IN Pat. App. No. No. 706/DELNP/2006, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087IN1; pp. 1)	
	AX	Supplemental Response to Examination Report filed on 1-9-2009 for IN Pat. App. No. No. 706/DELNP/2006, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087IN1; pp. 1-2)	

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	AY	Response to Examination Report filed on 1-9-2009 for IN Pat. App. No. No. 706/DELNP/2006, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087IN1; pp. 1-4)	
	AZ	Examination Report issued on 1-11-2008 for IN Pat. App. No. No. 706/DELNP/2006, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087IN1; pp. 1-2)	
	BA	Response to Office Action filed on 4-27-2011 for JP Pat App. No. 2006-520347, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087JP1; pp. 1-5)	
	BB	Office Action issued on 11-1-2010 for JP Pat App. No. 2006-520347, which is national phase of Intl. App. No. PCT/US2004/022816, filed on 7-15-2004 (Inventor - Cook; Applicant - PR Pharmaceuticals; Attorney Docket - 02181.0087JP1; pp. 1-7)	

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